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(21) International Application Number: PCT/IB97/01627 (22) International Filing Date: 24 October 1997 (24.10.97) (30) Priority Data: 60/029,324 25 October 1996 (25.10.96) US 60/030,186 5 November 1996 (05.11.96) US 60/030,088 5 November 1996 (05.11.96) US 08/897,098 18 July 1997 (18.07.97) US (71)(72) Applicants and Inventors: MOSE LARSEN, Peter [DK/DK]; Vestervang 10, 43, DK-8000 Aarhus C (DK). FEY, Stephen, J. [GB/DK]; Vestervang 772, DK-8000 Aarhus C (DK). NERUP, Jørn [DK/DK]; Bjerggaardsvanget 13, DK-2840 Holte (DK). KARLSEN, Allan, E. [DK/DK]; Vibevang 9, DK-3450 Alerød (DK). BJERRE CHRISTENSEN, Ulla [DK/DK]; Virum Overdrevsvej 27, DK-2830 Virum (DK). POCIOT, Flemming [DK/DK]; Brønshøjholmsalle 48, DK-2700 Brønshøj (DK). ANDERSEN, Henrik, U. [DK/DK]; Moellemarken 56A, DK-2880 Bagsværd (DK). (74) Agent: GOLDSTEIN, Jorge, A.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).			(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: DIABETES-MEDIATING PROTEINS AND THERAPEUTIC USES THEREOF			
<p style="text-align: center;">MISASRAAAARLVGTAASRSPAAARPQDGWNGLSHEAFRFVSR DYASEA IKGAVVGIDLTGTTNSCVAVMEGKQAKVLENAEGARTTPSVVAFADGERLV MPAKRQAVINPNNIFYATKRLIGRRYDDPEVQKDTENVPFKIVRASNGDAWVEAHGK YSPSQIGAFVLMKMKETAENYLGHTAKNAVITVPAYFNDSSQRQATKDAGQISGLNVL VINEPTAAALAYGLDKSEDKVIAVYDLGGGTFDISILEIQKGVFEVKSTNGDTFLGG DFDQALLRHIVKEFKRETGVDLTKDNMALQRVREAAEKAKCELSSSVQTDINLPYLT DASGPKHLNMKLTRAQFEGIVTDLIKRTIAPCQKAMQDAEVSKSDIGEVILVGGMTR PKVQQTVDLFGRAVSKAVNPDEAVAIGAAIQGGVLAGDVTDLVLLDVTPLSLGIET GGVFTKLINRNTTIPTKKSQVFSTAADGQTQVEIKVCQGEREMAGDNKLLGQFTLIG PPAPRGVPQIEVTFDIDANGIVHVSADKGTGREQQIVIQSSGGLSKDDIENMVKNA KYAEDRRKKERVEAVNMAEGIIHDTETKMEEFKDQLPADECNKLKEEISKVRALLA KDSETGENIRQAASSLQOASLKL FEMAYKKMASEREGSGSSGTGEQKEDQKEEKQ</p>			
(57) Abstract Provided are protective and deleterious diabetes-mediating proteins and polynucleotides encoding same, transgenic animals expressing a diabetes-mediating protein, drug screening methods for identifying a test compound capable of altering the expression of a diabetes-mediating protein, and methods of preventing or ameliorating diabetes by administering a compound capable of altering the expression of a diabetes-mediating protein.			

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